

## What is Claimed:

1                   1.     A device for controlling bleeding on an inner wall of a body  
2 cavity or passageway comprising:

3                   an insertable shaft having a distal end, said shaft comprised of a  
4 hemostatic shroud disposed around an inner component, said inner component having  
5 a distal end and said shaft having a soft tip on said distal end of said shaft.

1                   2.     The device of claim 1, wherein said inner component comprises a  
2 central tube and said soft tip comprises a length of said hemostatic shroud, supported  
3 by a length of soft flexible tubing projecting beyond the distal end of said central  
4 tube.

1                   3.     The device of claim 1, wherein said inner component comprises a  
2 balloon and said soft tip comprises the distal end of said balloon covered by said  
3 hemostatic shroud.

1                   4.     The device of claim 3, wherein said inner component comprises a  
2 central tube and said balloon is rolled around said central tube, the distal end of said  
3 balloon extending beyond the distal end of said central tube.

1                   5.     The device of claim 4, wherein said inner component is a balloon  
2 and does not include a central tube.

1           6.     The device of claim 3 wherein said balloon is inelastic.

1           7.     The device of claim 2 wherein a first portion of said hemostatic  
2 shroud surrounds said inner component and a second portion thereof extends beyond  
3 the distal end of said inner component and is folded back over the first portion.

1           8.     The device of claim 1 wherein said hemostatic shroud is  
2 comprised of a fabric comprised of a gel-forming absorbent composition.

1           9.     The device of claim 1 wherein said hemostatic shroud is  
2 comprised of a gel-forming absorbent composition film.

1           10.    The device of claim 1 wherein said hemostatic shroud is  
2 comprised of hemostatic agent fibers knitted or woven together with reinforcing  
3 fibers.

1           11.    The device of claim 9 wherein said reinforcing fibers are one of  
2 polyester and nylon.

1           12.    A device for controlling bleeding on an inner wall of a body  
2 cavity or passageway comprising:

3               a central tube having a distal end and a proximal end;

4               a cylinder of fabric disposed around said central tube, said fabric  
5 including a gel-forming absorbent composition and having a distal and proximal end;  
6 and

7 a clamp ring having an inner and outer surface, said clamp ring partially  
8 disposed on said distal end of said central tube whereby said clamp ring extends  
9 beyond said distal end of said central tube;

10 wherein said distal end of said fabric is pinched to said central tube  
11 between said clamp ring and said central tube.

1 13. The device of claim 12 wherein said clamp ring is comprised of a  
2 soft polymeric, biocompatible material.

1 14. The device of claim 13 wherein said fabric cylinder has a  
2 proximal half and a distal half, said proximal half disposed adjacent said central tube  
3 and pinched to said distal end of said central tube by said clamp ring,

4 and said distal half extends longitudinally back toward said central  
5 tube's proximal end where it joins the proximal end of said fabric cylinder.

1 15. The device of claim 12 further comprising an expandable balloon  
2 disposed between said fabric and said central tube.

1 16. A device for controlling bleeding on an inner wall of a body  
2 cavity or passageway comprising:

3 a central tube having a distal end;

4 a hemostatic shroud comprising a gel-forming absorbent composition,  
5 said hemostatic shroud disposed around said central tube; and

6 an expandable balloon having an unexpanded state and expanded state,  
7 said balloon disposed between said central tube and said hemostatic shroud;

8 wherein said balloon, in its unexpanded position, is rolled around said  
9 central tube.

1 17. The device of claim 16 wherein said rolled balloon extends  
2 beyond the distal end of said central tube.

1 18. A device for controlling bleeding on an inner wall of a body  
2 cavity or passageway comprising:

3 a central tube having a central longitudinal axis, a wall, a proximal end,  
4 and a hole disposed in said tube wall;

5 a cylinder of fabric disposed around said central tube; and

6 an expandable balloon having an unexpanded state and an expanded  
7 state, said balloon disposed between said central tube and said fabric cylinder;

8 said hole allowing fluid communication between said central tube and  
9 said balloon.

1 19. The device of claim 18 wherein said balloon, in its unexpanded  
2 state, is rolled around said central tube.

1 20. The device of claim 18 wherein said hole is disposed  
2 perpendicular to the longitudinal axis of said central tube.

1           21.    The device of claim 18 wherein said balloon wall thickness is  
2   between 0.03 mm and 0.15 mm.

1           22.    The device of claim 18 wherein said fabric is comprised of two  
2   layers of a hemostatic shroud comprising a gel-forming absorbent composition.

1           23.    A device for controlling bleeding on an inner wall of a body  
2   cavity or passageway comprising:

3           a hemostatic shroud comprising a gel-forming absorbent composition;  
4   and

5           an expandable balloon having an unexpanded state and expanded state,  
6   said balloon disposed within said hemostatic shroud;

7           wherein said balloon, in its unexpanded position, is rolled around a  
8   central axis.

1           24.    A method of manufacturing a device for controlling bleeding on  
2   an inner wall of a body cavity or passageway comprising:

3           providing a central tube having a proximal and distal end;

4           fastening a first end of a fabric cylinder to the proximal end of the  
5   central tube, the fabric cylinder being at least twice as long as the central tube;

6           extending a first segment of the fabric cylinder along the length of the  
7   central tube so that excess fabric extends beyond the distal end of the central tube;

twisting the fabric extending beyond the central tube such that said twist occurs at the distal end of the central tube;

extending the excess fabric back over the central tube and the first segment of the fabric, whereby the excess fabric is inverted as the excess fabric is extended back over said tube and the first segment of the fabric; and

fastening the excess fabric at the proximal end of the central tube.

25. The method of claim 24 further comprising the step of inserting a tubular tool into said excess fabric before said twisting step.

26. A device for controlling bleeding on an inner wall of a body cavity or passageway comprising:

a tube having a distal end and a central breathing lumen, a proximal end, and a wall, said tube having an inflation lumen disposed within said wall;

a cylinder of fabric disposed around said tube;

a clamp ring having an inner and outer surface, said clamp ring partially disposed on said distal end of said tube whereby said clamp ring extends beyond said distal end of said tube, wherein said fabric is pinched to said inner tube between said clamp ring and said inner tube; and

a balloon disposed between said tube and said fabric, said balloon and said inflation lumen being in fluid communication via an inflation lumen hole.

1           27.    The device of claim 26 wherein said fabric cylinder has a  
2 proximal half and a distal half, said proximal half disposed adjacent said tube and  
3 pinched to said distal end of said tube by said clamp ring,

4                   and said distal half extends longitudinally back toward said tube's  
5 proximal end where it joins the proximal end of said fabric tube.